

153-002

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MONTHLY WORK ASSIGNMENT STATUS REPORT

SITE NAME/ACTIVITY: Dead Creek Project, Illinois, RI/FS

PREPARED BY: Michael Miller, Project Manager, E & E *MM*

DATE: December 10, 1987

Period: August - November

1. Status of Work and Progress to Date

Work activities for the months of August through November included preparing the draft final investigation report, collecting information for the water supply survey, preparing forms for the disposal of investigation-derived waste material, and collecting another round of water level measurements and survey data for Dead Creek and the Mississippi River. Tabulation of analytical data also continued, and a presentation on the project was given in Springfield.

Preparation of the text and graphics of the draft final investigation report began in late September and continued through the end of this reporting period. The review and tabulation of all analytical data received also continued. Analyses of air samples were completed and data was finalized in late October.

The collection of information and data for the water supply survey was completed in early October. E & E is presently consolidating the information and attempting to fill data gaps. While in the project area gathering the water supply information, another round of water level data was collected, and creek and river elevations were surveyed.

On September 29th, E & E presented an overview of the project and data gathered to date for IEPA and USEPA personnel in Springfield at the request of the IEPA.

2. Percentage Completion

The following table provides the percent completion of scope and expenditures as of November 28, 1987.

RI Task	<u>Hours</u>	<u>\$ Expended</u>	<u>Hours % of Budget</u>	<u>% of Budget Expended</u>	<u>Scope % Complete</u>
1 Initial Meeting	74	5,211	123	116	100
2 Work Plan	1027	42,922	327	295	100
3 Associated Support	228	10,576	190	100	100
4 Add'l Data Gathering	303	15,189	168	114	100
5 Describe Current Situ	748	28,202	680	730	100

RI			Hours	% of	% of	Scope
Task		\$	% of	Budget	Budget	%
	Hours	Expended	Budget	Expended	Complete	
6	Preliminary Report	290	14,082	263	365	100
7	Site Investigation	760	118,063	100	100	100
8	Prelim. Remed. Tech	106	5,253	106	132	100
11	Add'l Requirement	133	7,330	133	102	100
20	Add Req. New Scope	573	33,187	286	240	85
21	Revised Scope Devel.	405	20,000	100	100	100
22	Work Plan Revision	334	15,111	94	83	100
23	Water Supply Search	68	3,885	75	66	80
24	Air Monitoring	348	43,067	105	111	100
25	Add'l Investigations	3,863	398,932	89	92	100
26	Final RI Report	916	26,635	65	33	60
27	Analytical Services		319,589		94	99
28	Waste Disposal	93	4,475	56	49	70

3. Problems Encountered and Corrective Action

As discussed with Jeff Larson over the telephone, E & E's Analytical Services Center had problems with the analysis of the semivolatile portion for the low volume polyurethane foam tubes. Extraction of this material with the acetone/hexane procedure described in the QAPP led to the formation of an alcohol compound. This compound interfered with the analysis of the extract and led to problems with the analytical equipment. After repeated efforts to remedy this situation it was decided to exclude the analysis of the remaining samples for semivolatile compounds.

Review of the hydrologic data (water levels, survey data) revealed that there is insufficient data to completely define the hydrology around Site M and Site R. There is adequate data for the purposes of this investigation. Accordingly, E & E recommends any additional studies of the areas be undertaken after completion of this investigation/project.

Although a relatively clear picture of groundwater and surface water utilization has been developed, it is apparent that a truly accurate definition of individual water use can only be obtained by conducting a door-to-door or telephone survey for select areas where private water use is expected. E & E recommends that IEPA undertakes such a survey after completion of this investigation/project.

4. Activities Planned for Next Reporting Period

The draft final report preparation will continue with a revised target submission date to IEPA of 1-29-88.

5. Key Personnel Changes

None

6. Expenditures for Reporting Period

<u>Direct Labor Hours</u>	<u>Expenditures Including Fees</u>
1,499	\$34,427

7. Cumulative Expenditures

<u>Direct Labor Hours</u>	<u>Expenditures Including Fees</u>
10,369	\$1,121,069

8. Projected Expenditures

Overall project expenditures are projected to be approximately \$1,200,000.

9. Expenditures and Manhours (graphic)

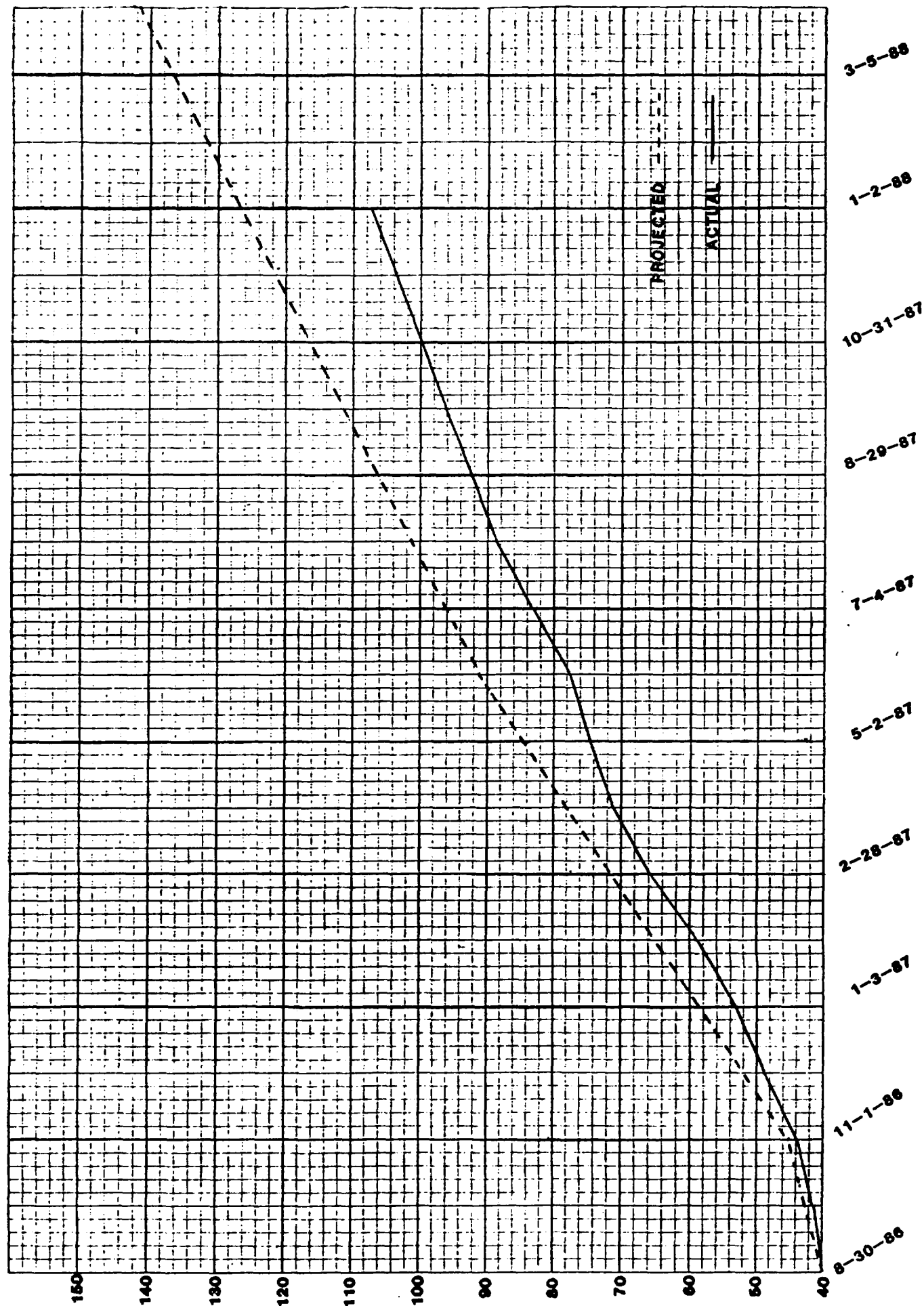
See attached.

10. Target vs. Actual for Activities

	<u>Target Completion</u>	<u>Actual Completion</u>
1. Initial and Secondary Meeting	3/17/86	3/25/86
2. Work Plan	2/17/86	5/16/86
3. Associated Support	1/24/86	3/25/86
4. Additional Data Gathering	1/24/86	2/22/86
5. Describe Current Situation	3/14/86	7/17/86
6. Preliminary Remedial	10/15/86	10/13/86
7. Site Investigations	Suspended	(See tasks 22-26)
8. Preliminary Remedial Technology	10/15/86	10/13/86
9. Site Investigation Analysis	Suspended	-----
10. Remedial Investigation Report	Suspended	-----
11. Additional Requirements	10/15/86	10/15/86
12. Describe Proposed Response	Suspended	-----
13. Development of Alternatives	Suspended	-----
14. Initial Screen of Alternatives	Suspended	-----
15. Laboratory Studies	Suspended	-----
16. Evaluation of Alternatives	Suspended	-----
17. Draft Feasibility Study	Suspended	-----
18. Conceptual Design	Suspended	-----
19. Final Report	Suspended	-----
20. Additional Requirements	Suspended	-----
21. Revised Scope Development	8/01/86	8/05/86
22. Work Plan Revisions	3/27/87	5/06/87
23. Water Supply Search	5/30/87	-----
24. Air Monitoring	5/30/87	7/23/87
25. Additional Investigations	5/30/87	7/23/87
26. Final Report HRS-RI	9/11/87	-----

MM:sl

DEAD CREEK PROJECT MANHOURS



MANHOURS 100'S

